

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
	Shinya Kimoto et. al.)
Serial No.:	10/806,116) Art Unit
) 2838
Filed:	March 23, 2004)
Examiner:	Edward H Tso)
Confirmation No.:	2139)
For:	BATTERY PACK APPARATUS WITH HEAT SUPPLY AND DISCHARGE)
Customer No.:	022913)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, the undersigned, [Yoshiro HAYASHI], state that I am the [President] of Panasonic EV Energy Co., Ltd. and that I am authorized to execute this Revocation and Substitute Power of Attorney on behalf of Panasonic EV Energy Co., Ltd.

I further state that Panasonic EV Energy Co., Ltd. is the assignee of the entire interest of the U.S. patent applications and/or patents listed in Exhibit A, as shown by the assignments recorded in the U.S. Patent and Trademark Office at the Reel and Frame numbers identified in Exhibit A for said patent applications and/or patents. The patent applications and/or patents identified in Exhibit A include each of the patent cases (hereinafter the "above-identified patent application") in which this document is now being filed in the U.S. Patent & Trademark Office.

The assignee, Panasonic EV Energy Co., Ltd., hereby revokes all previous powers of attorney in the above-identified patent application, and now hereby appoints all attorneys under:

CUSTOMER NUMBER: 022913

of WORKMAN NYDEGGER as attorney with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith.

All correspondence and telephonic communication should be directed to:

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at the address associated with the above-identified customer number.

This Revocation and Substitute Power of Attorney and Statement under 37 C.F.R. 3.73(b)(1) is effective for the above-identified patent application, and all patent applications and/or patents identified in Exhibit A, and I authorize the attorneys of WORKMAN NYDEGGER to file this document at the U.S. Patent & Trademark Office for all patent applications and/or patents identified in Exhibit A.

Signed this 4th day of October, 2006.

By: Yoshiro Hayashi
[Yoshiro HAYASHI]
[President]
Panasonic EV Energy Co., Ltd.
[555, Sakaijuku, Kosai-shi, Shizuoka 431-0452 Japan]

EXHIBIT A

Patent Applications and/or Patents Subject to Revocation and Substitute Power of Attorney and Statement under 37 C.F.R. 3.73(b)(1)

A chain of title of the following U.S. Patent Applications and/or Patents to Panasonic EV Energy Co., Ltd. is recorded at the Reel and Frame numbers identified below.

Workman Nydegger Ref. No.	Greenblum & Bernstein Ref. No.	Application No. / Patent No.	Filing Date / Issue Date	Reel & Frame Number of Assignment(s) Showing Chain of Title
16169.26.13	P25083	10/806,116	23-Mar-04	Reel 015131, Frame 0479